

IN THE CLAIMS

1. (currently amended) In aApparatus of a spray head for blocking a medium flow passage in at the spray head, said apparatusthe improvements comprising:

a blocking element (1) arranged in the passage and, when unbroken, blocking the passage of medium flow from a first side of the blocking element to a second side of the blocking element, on the first side of which blocking element a first pressure(p1) prevails in the medium flow passage (2) while on the second side a second pressure (p2) prevails in thea passage (3), said blocking element (1) being arranged to be ruptured so that another medium flow passage is formed through the blocking element by a pressure difference between the first and the second sides of the blocking element of a preset value, characterized in that the apparatus comprises: and

a supporting element (4) at least on the second side of the blocking element where the pressure of the medium is lower at least just before the instant of rupture of the blocking element, which supporting element can be moved between a first position where the supporting element supports the blocking element (1) so that the blocking element cannot be ruptured even if the pressure difference in the passage between the first and the second sides of the blocking element is greater than the preset value, and a second position where the supporting element does not support the blocking element.

2. (currently amended) Apparatus according to claim 1, characterized in that the apparatus comprises means (5,6) for locking the supporting element (4) in the first position.

3. (previously presented) Apparatus according to claim 1, characterized in that the apparatus comprises means (5) for releasing the supporting element (4) from the first position.

4. (currently amended) Apparatus according to claim 2, characterized in that the means for locking ~~and/or releasing~~ the supporting element (4) comprise a heat sensitive element (5).

5. (previously presented) Apparatus according to claim 1, characterized in that the apparatus is arranged in the flow passage of a fire extinguishing medium.

6. (currently amended) Apparatus according to claim 1, characterized in that the apparatus is arranged in a sprinkler head.

7. (previously presented) Apparatus according to claim 1, characterized in that the supporting element (4) is a piston element.

8. (canceled)

9. (previously presented) Apparatus according to claim 1 wherein the blocking element is a burst disk.

10. (currently amended) Apparatus according to claim 3, characterized in that the apparatus comprises means (5,6) for locking the supporting element (4) in the first position and the means for locking and/or releasing the supporting element (4) comprise a heat sensitive element (5).

11. (new) Apparatus according to claim 1, characterized in that the apparatus comprises means for applying and adjusting a supporting force to the blocking element.

12. (new) Apparatus according to claim 11, characterized in that the means for applying and adjusting the supporting force comprise a supporting part (6) that has been arranged to be adjustable by means of screw threads (13) formed in a body of the spray head and corresponding counter-threads formed in the supporting part (6).

13. (new) Apparatus according to claim 1, characterized in that the apparatus has adjustable means for fitting a heat sensitive element (5) between the spray head and the supporting element (4).

14. (new) Apparatus according to claim 13, characterized in that the adjustable means comprise a supporting part (6) arranged to be adjustable by means of screw threads (13) formed in a body of spray head and corresponding counter-threads formed in the supporting part (6).